

Claims:

The listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Previously Presented) A call management system comprising:
 - at least one user position, comprising a computer workstation and associated telephone apparatus;
 - a call management computer;
 - a digital data network connecting the workstation of said at least one user position with said call management computer;
 - said call management computer including means for intercepting an incoming call to said at least one user position;
 - a storage means for storing at least one processing rule for determining how an intercepted call is to be processed;
 - means for determining that the intercepted call is for said at least one user position;
 - means for interacting with the workstation of said at least one user position to determine how the intercepted call is to be processed;
 - means for processing the call according to instructions received from the workstation of the user;
 - means for allowing the user to modify the at least one processing rule;
 - wherein said call management computer includes means for identifying a call type for the incoming call;
 - wherein said call management computer includes means for identifying the calling party;and;
 - wherein said at least one processing rule is selected based on at least one of the call type and the calling party.

2-3. (Cancelled)

4. (Previously Presented) A call management system in accordance with claim 1 wherein said call type includes at least one of a voice call and a fax call.

5. (Previously Presented) A call management system in accordance with claim 4 wherein said call type includes a data call.

6. (Previously Presented) A call management system in accordance with claim 1 wherein said call type includes at least one of a voice call and a data call.

7. (Previously Presented) A call management system in accordance with claim 6 wherein said call type includes a fax call.

8-16 (Cancelled)

17. (Original) A call management system in accordance with claim 4 wherein said call management computer includes means for receiving fax documents.

18. (Original) A call management system in accordance with claim 17 wherein said call management computer includes storage for received fax documents.

19. (Original) A call management system in accordance with claim 18 wherein said computer workstation selectively retrieves stored fax documents determined to be for its user position.

20. (Original) A call management system in accordance with claim 4 wherein said call management computer includes means for receiving data files.

21. (Original) A call management system in accordance with claim 20 wherein said call management computer includes storage for received data files.

22. (Original) A call management system in accordance with claim 21 wherein said computer workstation selectively retrieves stored data files determined to be for its user position.

23. (Original) A call management system in accordance with claim 4 further including means for identifying said fax calls by detecting CNG signals.

24. (Original) A call management system in accordance with claim 4 further including means for identifying said fax calls by detecting ISDN messages.

25-26. (Cancelled)

27. (Original) A call management system in accordance with claim 6 further including means for identifying said data calls by detecting DTMF signals.

28. (Original) A call management system in accordance with claim 6 further including means for identifying said data calls by detecting data carrier signals.

29. (Original) A call management system in accordance with claim 7 further including means for identifying said fax calls by detecting CNG signals.

30. (Original) A call management system in accordance with claim 7 further including means for identifying said fax calls by detecting ISDN messages.

31-35. (Cancelled)

36. (Original) A call management system in accordance with claim 7 wherein an identifying message is returned to the calling fax machine which confirms the identify of the called party.

37-138 (Cancelled)

139. (Previously Presented) A call management system in accordance with claim 1 wherein the types of calls determine, at least in part, the at least one processing rule.

140. (Cancelled)

141. (Cancelled)

142. (Previously Presented) A call management system in accordance with claim 139 wherein said at least one processing rule is determined to be applicable at least in part by the current status of the called user.

143. (Original) A call management system in accordance with claim 142 wherein the current status of the called user includes whether or not he or she is on the phone.
144. (Original) A call management system in accordance with claim 142 wherein the current status of the called user includes whether or not he or she is available to receive calls.
145. (Original) A call management system in accordance with claim 142 wherein the current status of the called user includes whether or not he or she is accepting only priority calls.
146. (Original) A call management system in accordance with claim 142 wherein the current status of the called user includes his or her current location.
147. (Previously Presented) A call management system in accordance with claim 142 wherein said at least one processing rule is determined to be applicable at least in part by the current date, day of the week and/or time of day.
148. (Previously Presented) A call management system in accordance with claim 139 wherein said at least one processing rule includes instructions for routing calls from at least one caller to a destination other than the user position.
149. (Previously Presented) A call management system in accordance with claim 148 wherein said other destination is a destination on a public switched telephone network.
150. (Original) A call management system in accordance with claim 148 wherein said other destination is another user position.
151. (Original) A call management system in accordance with claim 148 wherein said other destination is a destination on the Internet.
152. (Previously Presented) A call management system in accordance with claim 139 wherein said at least one processing rule specifies, at least in part, that the call be transferred to the called user at a location other than the normal user position.
153. (Original) A call management system in accordance with claim 152 further including means for the user to change the location to which the call is to be transferred by calling the call management system and entering appropriate instructions.

154. (Previously Presented) A call management system in accordance with claim 152 wherein said at least one processing rule specifies a series of alternate destinations which are to be called.

155. (Previously Presented) A call management system in accordance with claim 139 wherein said at least one processing rule specifies, at least in part, that the user be paged upon receipt of certain calls.

156. (Previously Presented) A call management system in accordance with claim 139 wherein said at least one processing rule specifies, at least in part, that another call processing rule should be applied to the call.

157. (Previously Presented) A call management system in accordance with claim 139 wherein said at least one processing rule specifies, at least in part, that a special ringing sound should be used for the call.

158. (Cancelled)

159.-269. (Cancelled)

270. (Original) A call management system in accordance with claim 4 wherein each user has a single telephone number for both voice and fax calls.

271. (Original) A call management system in accordance with claim 5 wherein each user has a single telephone number for voice, fax and data calls.

272. (Original) A call management system in accordance with claim 6 wherein each user has a single telephone number for both voice and data calls.

273. (Original) A call management system in accordance with claim 7 wherein each user has a single telephone number for voice, fax and data calls.

274-282 (Cancelled)

283. (Original) A call management system in accordance with claim 4 wherein fax calls received for specified numbers are accepted as though directed to a specified user.

284. (Original) A call management system in accordance with claim 7 wherein fax calls received for specified numbers are accepted as though directed to a specified user.

285. (Original) A call management system in accordance with claim 5 wherein data calls received for specified numbers are accepted as though directed to a specified user.

286. (Original) A call management system in accordance with claim 6 wherein data calls received for specified numbers are accepted as though directed to a specified user.

287-309 (Cancelled)